## CRITERIA 1- CURRICULAR ASPECTS

### 1.4 Feedback System (20)

**1.4 Feedback System (20)**

**1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1)Students 2)Teachers 3)Employers 4)Alumni**

| METRIC NO. | NAME OF THE DOCUMENT | DESCRIPTION OF THE LINK SUBMITTED AS PROOF |
|---|---|---|
| 1.4.1 | Institution obtains Feedback on the syllabus and its transaction at the institution from the following stakeholders<br>1) Students<br>2) Teachers<br>3) Employers<br>4) Alumni<br>A. *All the above*<br>B. *Any 3 of the above*<br>C. *Any 2 of the above*<br>D. *Any 1 of the above*<br>E. *None of the above*<br>**Response:** A. All of the Above | Feedback obtained on curriculum development from all the Stakeholders (Students, Teachers, Employers and Alumni) for the year 2021-22 is submitted as proof for 1.4.1. To support this,<br>• Template for feedback for each category<br>• Filled feedback form from each category for all programmes<br>• Feedback Action taken report<br>The link for this has been provided in the subsequent page |

## DECLARATION

We, Dr. N. Poonguzhali, Professor i/c, (Criteria I), Dr. R. Valli, IQAC Co-ordinator and Dr. S. Malarkkan, Principal of Manakula Vinayagar Institute of Technology, Puducherry, hereby declare that the information given above and the enclosed documents are true to the best of our knowledge.

21/1/25
PROFESSOR i/c (CRITERIA I)

Professor In-Charge
NAAC - CRITERIA I
Manakula Vinayagar Institute of Technology
Puducherry

21/1/25
IQAC COORDINATOR

Dr. R. VALLI
IQAC Coordinator
Manakula Vinayagar Institute of Technology
Puducherry

PRINCIPAL

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
KALITHEERTHALKUPPAM
PUDUCHERRY - 605 107.

**Action Taken Report**

For the Academic Year

2021-2022

**ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer**

CommentsReceived :

1. New Technology should be included in the syllabus.
2. We need industrial visit to gain more about the subject which we are learning.
3. Specific training should be given for AI and ML.
4. New Technology should be included in the subject. Need more workshop
5. Revise the syllabus for elective papers.
6. Motivate students to take up exchange program (Most probably in final year) at some other university in different state/country.
7. Skill oriented learning needed. Want to give importance in practical
8. We need more seminars
9. Syllabus must be improved to get better knowledge on latest trends and innovation
10. The course and curriculum are really good but need to improve a lot to meet the future Innovations & technologies.
11. In fifth unit we can add latest technologies related with the subject.
12. Self learning must be promoted. More electives on recent technologies needed.
13. More programming skill papers to be added like python.
14. Preparing of efficient teaching methods considering the student desires and intelligence enhancing.
15. Opportunities for self learning and other aspects are missing. Electives need to be given on multidisciplinary concepts.

**Action Taken on Comments received :**

1. Value addition courses Are planned to meet skills like AI/ML, AR/VR and embedded systems for students. Further Embedded training is planned for First year students so that more practical knowledge can be imparted from earlier stage.
2. Self learning can be imbibed by motivating students to do assignments and also encouraging them to do MOOC courses. This activity is being followed regularly and it has to be done more efficiently.
3. Faculty can include instructional activities as a kind of Experiential learning activity and all students must be motivated to participate. Further Project based learning done in Laboratories

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY PUDUCHERRY DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology

need to be more efficiently implemented.

4. Soft skills training provided before placements can be given from III Semester onwards and the Placement coordinators need to act on the issue.
5. Programming skills:

   As more comments are received on this issue the department have decided to implement Skill rack training and coding competitions to students from second year level.

   More self learning like sololearn, simplilearn and nptel courses can be encouraged for self learning coding skills.
6. To provide more knowledge on cutting edge technologies the activities like special lectures , guest lectures, Workshops and Poster presentation competitions are to be done by care fully choosing experts on latest technologies.
7. Updated syllabus can be recommended to University .
8. To meet out the requirements of management courses and Professional development courses we can hire people from outside and conduct regular lectures and short term programs.
9. To meet item 14 of faculty feedback more societal activities are to be planned and mini-projects applicable to society are to be encourages.
10. Field visits/implant training/ interns can improve the item 3 and develop more industrial interactions .
11. Instead of exchange programs students can be motivated to take up Edx and courser courses from reputed universities abroad.

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
PUDUCHERRY

HOD

**Dr. S. ARUNMOZHI,** M.Tech.,Ph.D
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitneerthalkuppam, Puducherry-605 107

**Employer Feedback**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements. | 4.9 | Good |
| 2. Do curriculum have enough Practical skills required for Industry. | 4.27 | Improvement in Practical skills to be addressed |
| 3. Do curriculum gives scope for developing skills and modern hardware and software tools necessary for innovative applications. | 4.63 | Suggestions need to be taken from industries. |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | 4.36 | The design and development of solutions and problem based learning need to be improved. |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | 4.63 | The feedback was satisfactory |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | 4.72 | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | 4.6 | |


**Dr. S. ARUNMOZHI,** M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## CURRICULUM FEEDBACK ANALYSIS

**Year 21-22**

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 24 |
| Students | 89 |
| Alumni | 93 |
| Employers | 10 |

**Faculty Feedback Responses**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.1 | The curriculum revision is proposed |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4 | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | 4.44 | |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.16 | Need improvement during syllabus revision |
| 5. Rate the distribution of credits to the courses in the Curriculum. | 4.05 | A major revision in syllabus is highly recommended to the university |
| 6. Rate the potential of the students in understanding the course. | 4.16 | |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | 3.94 | |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | 4 | |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.44 | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.27 | Faculty must include PBL and experiential learning in their subjects |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | 3.77 | Faculty must include PBL and experiential learning in their subjects |
| 12. Rate the courses in facilitating usage of modern ICT tools for the netter understanding of the concepts. | 4.33 | Use of Moodle and other tools was recommended |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY PUDUCHERRY DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

| | | |
|---|---|---|
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the students | 4.22 | Average , need more awareness |
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | 4.16 | Need societal activities apart from curriculum |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | 4.33 | Satisfactory |

**Alumni Feedback Response**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | **4.5** | Scores are satisfactory still there is room for improvement in skill development ,self learning and Project quality |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | **4.44** | |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | **4.40** | |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | **4.54** | |
| 5. Rate the provision of skill up-gradation in your curriculum. | **4.49** | |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | **4.57** | |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | **4.45** | |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY • DEPARTMENT OF ECE • PUDUCHERRY

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

**Students Feedback Analysis**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.19 | The curriculum revision is proposed. And has been communicated to university |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.12 | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.11 | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | 3.97 | More electives can be opted. This year |
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | 4.15 | Extra experiments are included in laboratories. |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.07 | Suggested more purchase to library |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.04 | Faculty are trained to give more innovative assignments and practice PBL. |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 3.94 | Faculty include experiential and self learning through various assignments and suggesting online courses. |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | 4.05 | Special lectures are to be arranged. |
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability) and sensitizing the students towards National Development. | 4.06 | Extra lectures are to be arranged. |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY * PUDUCHERRY *
DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

**Employer Feedback**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements. | 4.9 | Good |
| 2. Do curriculum have enough Practical skills required for Industry. | 4.27 | Improvement in Practical skills to be addressed |
| 3. Do curriculum gives scope for developing skills and modern hardware and software tools necessary for innovative applications. | 4.63 | Suggestions need to be taken from industries. |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | 4.36 | The design and development of solutions and problem based learning need to be improved. |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | 4.63 | The feedback was satisfactory |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | 4.72 | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | 4.6 | |


**Dr. S. ARUNMOZHI,** M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

**Action Taken Report**

For the Academic Year

2021-2022

**ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer**

CommentsReceived :

1. New Technology should be included in the syllabus.
2. We need industrial visit to gain more about the subject which we are learning.
3. Specific training should be given for AI and ML.
4. New Technology should be included in the subject. Need more workshop
5. Revise the syllabus for elective papers.
6. Motivate students to take up exchange program (Most probably in final year) at some other university in different state/country.
7. Skill oriented learning needed. Want to give importance in practical
8. We need more seminars
9. Syllabus must be improved to get better knowledge on latest trends and innovation
10. The course and curriculum are really good but need to improve a lot to meet the future Innovations & technologies.
11. In fifth unit we can add latest technologies related with the subject.
12. Self learning must be promoted. More electives on recent technologies needed.
13. More programming skill papers to be added like python.
14. Preparing of efficient teaching methods considering the student desires and intelligence enhancing.
15. Opportunities for self learning and other aspects are missing. Electives need to be given on multidisciplinary concepts.

**Action Taken on Comments received :**

1. Value addition courses Are planned to meet skills like AI/ML, AR/VR and embedded systems for students. Further Embedded training is planned for First year students so that more practical knowledge can be imparted from earlier stage.
2. Self learning can be imbibed by motivating students to do assignments and also encouraging them to do MOOC courses. This activity is being followed regularly and it has to be done more efficiently.
3. Faculty can include instructional activities as a kind of Experiential learning activity and all students must be motivated to participate. Further Project based learning done in Laboratories

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY PUDUCHERRY DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology

need to be more efficiently implemented.

4. Soft skills training provided before placements can be given from III Semester onwards and the Placement coordinators need to act on the issue.
5. Programming skills:

   As more comments are received on this issue the department have decided to implement Skill rack training and coding competitions to students from second year level.

   More self learning like sololearn, simplilearn and nptel courses can be encouraged for self learning coding skills.
6. To provide more knowledge on cutting edge technologies the activities like special lectures , guest lectures, Workshops and Poster presentation competitions are to be done by care fully choosing experts on latest technologies.
7. Updated syllabus can be recommended to University .
8. To meet out the requirements of management courses and Professional development courses we can hire people from outside and conduct regular lectures and short term programs.
9. To meet item 14 of faculty feedback more societal activities are to be planned and mini-projects applicable to society are to be encourages.
10. Field visits/implant training/ interns can improve the item 3 and develop more industrial interactions .
11. Instead of exchange programs students can be motivated to take up Edx and courser courses from reputed universities abroad.

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
PUDUCHERRY

HOD

**Dr. S. ARUNMOZHI,** M.Tech.,Ph.D
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitneerthalkuppam, Puducherry-605 107

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## CURRICULUM FEEDBACK ANALYSIS

**Year 21-22**

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 24 |
| Students | 89 |
| Alumni | 93 |
| Employers | 10 |

**Faculty Feedback Responses**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.1 | The curriculum revision is proposed |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4 | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | 4.44 | |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.16 | Need improvement during syllabus revision |
| 5. Rate the distribution of credits to the courses in the Curriculum. | 4.05 | A major revision in syllabus is highly recommended to the university |
| 6. Rate the potential of the students in understanding the course. | 4.16 | |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | 3.94 | |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | 4 | |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.44 | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.27 | Faculty must include PBL and experiential learning in their subjects |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | 3.77 | Faculty must include PBL and experiential learning in their subjects |
| 12. Rate the courses in facilitating usage of modern ICT tools for the netter understanding of the concepts. | 4.33 | Use of Moodle and other tools was recommended |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY PUDUCHERRY DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

| | | |
|---|---|---|
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the students | 4.22 | Average , need more awareness |
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | 4.16 | Need societal activities apart from curriculum |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | 4.33 | Satisfactory |

**Alumni Feedback Response**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | **4.5** | Scores are satisfactory still there is room for improvement in skill development ,self learning and Project quality |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | **4.44** | |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | **4.40** | |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | **4.54** | |
| 5. Rate the provision of skill up-gradation in your curriculum. | **4.49** | |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | **4.57** | |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | **4.45** | |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY • DEPARTMENT OF ECE • PUDUCHERRY

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.,
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

**Students Feedback Analysis**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.19 | The curriculum revision is proposed. And has been communicated to university |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.12 | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.11 | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | 3.97 | More electives can be opted. This year |
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | 4.15 | Extra experiments are included in laboratories. |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.07 | Suggested more purchase to library |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.04 | Faculty are trained to give more innovative assignments and practice PBL. |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 3.94 | Faculty include experiential and self learning through various assignments and suggesting online courses. |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | 4.05 | Special lectures are to be arranged. |
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability) and sensitizing the students towards National Development. | 4.06 | Extra lectures are to be arranged. |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY * PUDUCHERRY *
DEPARTMENT OF ECE

Dr. S. ARUNMOZHI, M.Tech.,Ph.D.
Head of the Department
Dept. of Electronics & Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACTION TAKEN REPORT (2021-22)**

**ATR on Feedback Comments Received from Faculty/Alumni/Students/Employer**

Comments Received:

1. New Technology Should be included in the syllabus
2. We need industrial visit more about the subject
3. Specific training should be given for Programming subjects
4. Revise the syllabus for elective papers.
5. Motivate students to take up exchange program (Most probably in final year) at some other university in different state/country.
6. New Technology should be included in the subject. Need more workshop
7. Syllabus must be improved to get better knowledge on latest trends and innovation

8. The course and curriculum are really good but need to improve a lot to meet the future Innovations & technologies.

9 .In fifth unit we can add latest technologies related with the subject.

10. self learning must be promoted. More electives on recent technologies needed.

11.More programming skill papers to be added like python.

12. Preparing of efficient teaching methods considering the student desires and intelligence enhancing.

13. Opportunities for self learning and other aspects are missing. Electives need to be given on multidisciplinary concepts.

## Action Taken on Comments received :

1. Value addition courses Are planned to meet skills like Programming and Testing for students. Further Programming Development is planned for First year students so that more practical knowledge can be imparted from earlier stage.
2. Self learning can be imbibed by motivating students to do assignments and also encouraging them to do MOOC courses. This activity is being followed regularly and it has to be done more efficiently.
3. Faculty can include instructional activities as a kind of Experiential learning activity and all students must be motivated and participate Further Project based learning done in Laboratories need to be more efficiently implemented.

4. Soft skills training provided before placements can be given from III Semester onwards and the Placement coordinators need to act on the issue.
5. Programming skills:

As more comments are received on this issue the department have decided to implement Skill rack training and coding competitions to students from second year level.
More self learning like sololearn, simplilearn and nptel courses can be encouraged for self learning coding skills.

6. To provide more knowledge on cutting edge technologies the activities like special lectures, guest lectures, Workshops and Poster presentation competitions are to be done by care fully choosing experts on latest technologies.
7. Updated syllabus can be recommended to University .
8. To meet out the requirements of management courses and Professional development courses we can hire people from outside and conduct regular lectures and short term programs.

9. To meet item 14 of faculty feedback more societal activities are to be planned and miniprojects applicable to society are to be encourages.

10. Field visits/implant framing/ interns can improve the item 3 and develop more industrial interactions.

11. Instead of exchange programs students can be motivated to take up Edx and courser courses from reputed universities abroad.

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY Puducherry 605 107

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
KALITHEERTHALKUPPAM
PUDUCHERRY - 605 107.

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF INFORMATION TECHNOLOGY

## CURRICULUM FEEDBACK ANALYSIS

**Academic Year 2021-22**

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 20 |
| Students | 46 |
| Alumni | 37 |
| Employers | 9 |

**Faculty Feedback Responses**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.35 | The Curriculum revision is proposed |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.35 | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | 4.55 | |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.4 | |
| 5. Rate the distribution of credits to the courses in the Curriculum. | 4.4 | Average, need more awareness |
| 6. Rate the potential of the students in understanding the course. | 4.35 | Strong recommended for syllabus revision |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | 4.45 | |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | 4.55 | |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.6 | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.4 | |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | 4.4 | Average , need more awareness |
| 12. Rate the courses in facilitating usage of modern ICT tools for the netter understanding of the concepts. | 4.4 | Need improvement and to be addressed |
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the | 4.55 | Average , need more awareness |

| | | |
|---|---|---|
| students | | |
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | 4.55 | Need societal activities apart from curriculum |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | 4.5 | Satisfactory |

**Alumni Feedback Response**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | 4.81 | Scores are satisfactory still there is room for improvement in skill development ,self learning and Project quality |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | 4.91 | |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | 4.62 | |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 4.75 | |
| 5. Rate the provision of skill up-gradation in your curriculum. | 4.83 | |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | 4.83 | |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | 4.83 | |

**Students Feedback Analysis**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.39 | The scores are average and all the parameters may have improvement |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.26 | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.21 | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | 4.26 | |

| | | |
|---|---|---|
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | 4.23 | |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.21 | |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.23 | |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 4.19 | |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | 4.28 | |
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability) and sensitizing the students towards National Development. | 4.28 | |

Employer Feedback

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements. | 4.66 | Satisfactory |
| 2. Do curriculum have enough Practical skills required for Industry. | 4.88 | |
| 3. Do curriculum gives scope for developing skills and modern hardware and software tools necessary for innovative applications. | 4.66 | |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | 4.55 | |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | 4.66 | |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | 4.66 | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | 4.55 | |

## IT. Dept. - Action Taken Report for the Academic Year 2021-22

**ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer**

Comments Received :

1. The innovation and entrepreneurship in the curriculum is the need of the hour.
2. Experiential Learning should be included in the curriculum.
3. Special Lectures on the advanced technology tools can be addressed.
4. Syllabus to be in latest technologies like Artificial Intelligence, Machine Learning and Deep Learning at third year level. Also Python can be included.
5. Curriculum should encourage the students to do more certification courses and self study is missing.
6. Syllabus can aid students to prepare for various Competitive examinations and Higher education. Also preparing for GATE, UPSC needs more intensive training.
7. Curriculum can also provide career guidance and professional growth.
8. The curriculum should balance between Theory and Practical applications. The curriculum should include the management perspectives strict with any company to be followed. Syllabus has to provide more credits to the courses in curriculum for online certifications on NPTEL, FOSS and EDX.
9. The syllabus has a gap and it lacks the industrial needs. Regular Industrial visit must be made compulsory.
10. Cyber Security and its laboratory courses have to be included in the curriculum.

**Action Taken on Comments received :**

1. To enhance the item no. 2 of employer feedback the value addition courses are planned to meet skills like Python and Java Programming for students. Further Web programming is planned for First year students so that more practical knowledge can be imparted from earlier stage.
2. To enhance the item no. 11 and 12 of Faculty feedback, the self learning can be inculcated to students by motivating them to do assignments and also encouraging them to do MOOC courses. This activity is being followed regularly and it has to be done more efficiently.
3. Faculty can include instructional activities as a kind of Experiential learning activity and all students must be motivated to participate. Further Project based learning done in Laboratories need to be more efficiently implemented., to enhance item no. 4 of alumni feedback and item no. 8 of students feedback.
4. Soft skills training provided before placements can be given from III Semester onwards and the Placement coordinators intimated to act on the issue.

5. To provide more knowledge on programming technologies the activities like special lectures , guest lectures, workshops and competitions are to be done carefully by choosing experts on latest technologies.
6. Updated syllabus can be recommended to University, to enhance the item no 2 and 3 of faculty feedback and item no. 4 of employer feedback.
7. To meet item 14 of faculty feedback more societal activities are to be planned and mini-projects applicable to society are to be encourages.
8. Field visits/implant training/ interns can improve the item 3 and develop more industrial interactions .

HOD/IT

Dr. P. SIVA[illegible], M.E., Ph.D.,
Professor & Head
Dept. of Information Technology
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry - 605 107.

PRINCIPAL

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
KALITHEERTHALKUPPAM,
PUDUCHERRY - 605 107.

DEPARTMENT OF INFORMATION TECHNOLOGY

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### CURRICULUM FEEDBACK ANALYSIS

### Year 21-22

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 17 |
| Students | 33 |
| Alumni | 07 |
| Employers | 04 |

### Faculty Feedback Responses

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | **4.58** | Score is satisfactory |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | **4.64** | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | **4.41** | Good , Need improvement and to be addressed |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | **4.41** | |
| 5. Rate the distribution of credits to the courses in the Curriculum. | **4.76** | Score is satisfactory |
| 6. Rate the potential of the students in understanding the course. | **4.64** | |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | **4.35** | Need improvement and to be addressed |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | **4.52** | Score is satisfactory |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | **4.64** | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | **4.52** | |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | **4.47** | Good , Need improvement |
| 12. Rate the courses in facilitating usage of modern ICT | **4.70** | Score is Satisfactory |

| | | |
|---|---|---|
| tools for the netter understanding of the concepts. | | |
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the students | **4.47** | Good , need more awareness among students community |
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | **4.58** | Score is satisfactory, Need societal activities apart from curriculum |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | **4.58** | Score is Satisfactory |

**Students Feedback Analysis**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | **3.78** | The scores are average and all the parameters may have improvement |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | **3.75** | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | **3.75** | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | **3.69** | |
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | **3.90** | |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | **3.93** | |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | **3.96** | |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | **4.00** | |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | **3.90** | |
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & | **3.78** | |

Maharaja Vinayagar Institute of Technology Department of EEE

| | | |
|---|---|---|
| Sustainability) and sensitizing the students towards National Development. | | |

**Alumni Feedback Response**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | **3.87** | Average scores. The curriculum revision has to be done to attain full score. Issue has to be addressed to University for up gradation of curriculum. |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | **4.14** | Improvement in Practical skills to be addressed |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | **4.14** | Good need improvement |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | **4.42** | Good score |
| 5. Rate the provision of skill up-gradation in your curriculum. | **4.71** | Score is Satisfactory |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | **4.14** | Good,to planned more Industrial visit and Inplant Training related to our curriculum |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | **4.57** | Score is Satisfactory |

**Employer Feedback**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements. | **4.75** | Score is Satisfactory |
| 2. Do curriculum have enough Practical skills required for Industry. | **4.25** | Score is good ,Need tomprovement in Practical skills to be addressed |
| 3. Do curriculum gives scope for developing skills and | **4.75** | |

| | | |
|---|---|---|
| modern hardware and software tools necessary for innovative applications. | | Score is Satisfactory |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | **4.75** | |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | **4.75** | |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | **5.00** | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | **4.75** | |

**Action Taken Report**

For the Academic Year

2021-2022

| **ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer** |
|---|
| **Comments Received :**<br>1. Syllabus has to be updated periodically since the technology evolution is faster nowadays.<br>2. Need more knowledge on Battery Management System and Electrical Vehicle.<br>3. Need more skill on Python Programming Language.<br>4. Require Revised and Balanced Syllabus to cope up with the Industrial needs.<br>5. Soft skills and Provide Enough Skills on design and problem solving techniques.<br>6. Curriculum should encourage the students to do more certification courses and self study is missing.<br>7. Need skill on MULTISIM,LAB VIEW..<br>8. Project based learning activities can be included.<br>9. Syllabus can aid students to prepare for various Competitive examinations and Higher education. Also preparing for GATE & UPSC needs more intensive training.<br>10. Curriculum can also provide career guidance and professional growth.<br>11. The curriculum should balance between Theory and Practical applications. Syllabus has to provide more credits to the courses in curriculum for online certifications. |

**Action Taken:**

1. Updated syllabus can be suggested and request has to be made to University for updation.
2. Guest Lecture on Recent trends in battery management system and electric vehicle.
3. Self learning can be imbibed by motivating students to do assignments and also encouraging them to do NPTEL, UDEMY, FOSS courses. This activity is being followed regularly and it has to be done more efficiently.
4. Workshop on Design of Electrical circuit using MULTISIM.
5. Project Expo has to be conducted periodically to motivate the II and III students to participate in more Technical events outside the campus.
6. Value added course on programming languages like python and LAB VIEW.
7. To provide more knowledge on cutting edge technologies the activities like special lectures , guest lectures, Workshops and Poster presentation competitions are to be done by carefully choosing experts on latest technologies.
8. Field visits/implant training/ interns can improve and develop more industrial interactions.
9. To meet out the requirements of Professional development courses we can hire people from outside and conduct regular lectures and short term programs.

Head of the Department
Dept. of Electrical and Electronics Engineering
Manakula Vinayagar Institute of Technology,
Kalitheerthal Kuppam, Puducherry - 605 107

Manakula Vinayagar Institute of Technology
Department of EEE

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF MECHANICAL ENGINEERING

## CURRICULUM FEEDBACK ANALYSIS

**Year 2021-2022**

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 17 |
| Students | 35 |
| Alumni | 38 |
| Employers | 06 |

**Faculty Feedback Responses**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.71 | Scores are high<br>Hence highly commendable |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.76 | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | 4.65 | |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.59 | |
| 5. Rate the distribution of credits to the courses in the Curriculum. | 4.53 | |
| 6. Rate the potential of the students in understanding the course. | 4.71 | |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | 4.76 | |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | 4.59 | |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.65 | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.76 | |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | 4.71 | |
| 12. Rate the courses in facilitating usage of modern ICT tools for the better understanding of the concepts. | 4.65 | |
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the students | 4.71 | |
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | 4.65 | |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | 4.71 | |

DEPT. OF MECHANICAL ENGG. No..... Date..... PUDUCHERRY

**Alumni Feedback Response**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | 4.65 | Scores are adequate and above average. HOWEVER, programmes on current development, industry exposure, and advanced course training are in the works. |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | 4.58 | |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | 4.58 | |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 4.55 | |
| 5. Rate the provision of skill up-gradation in your curriculum. | 4.53 | |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | 4.42 | |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | 4.39 | |

**Students Feedback Analysis**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.60 | Scores are good HOWEVER; programmers on current industry developments, and advancements in engineering. |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.49 | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.63 | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | 4.60 | |
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | 4.66 | |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.57 | |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.57 | |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 4.46 | |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | 4.46 | |

| | | |
|---|---|---|
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability) and sensitizing the students towards National Development. | 4.46 | |

**Employer Feedback**

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements. | 4.67 | Scores are High and Satisfactory. |
| 2. Do curriculum have enough Practical skills required for Industry. | 4.33 | |
| 3. Do curriculum gives scope for developing skills and modern hardware and software tools necessary for innovative applications. | 4.83 | |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | 4.33 | |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | 4.67 | |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | 4.50 | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | 4.83 | |

## ACTION TAKEN REPORT

**For the Academic Year -2021-2022**

**ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer**

Comments Received :

1. Provide more practical knowledge than theoretical. Update the new
2. Improve placement for mechanical student
3. Add more course on Nano technology and its application
4. Update new technologies in curriculum
5. The curriculum is not in phase with the current decade of modern technologies.
6. Syllabus can aid students to prepare for various Competitive examinations and Higher education. Also preparing for UPSC needs more intensive training.
7. Course content can be formed with relevance to real time technologies.
8. Can include course on innovation, entrepreneurship and so on
9. Students should be encouraged to participate in National Level Competitions

**Action Taken on Comments received :**

Efforts taken by the HoD to develop innovative, social relevant projects guided by the faculty in the Dept.

- Frequent meeting with industries like Airos space, Prasana Precision Tools & others.
- Frequent guest lectures and seminars being conducted from the industrial persons.
- Explaining the concepts Using PPT/Models and Lab Demos.
- Organizing video lectures every week based current trends in Mechanical Engineering.
- Issuing Gate Book to the student's right from the second year.
- A mega conference and workshop has been conducted from ISHRAE for all Mechanical Engineering Students.

**Out Come:**

- Anugrah.A of Final Year Mechanical Engg Student has doing project in ATAL Incubation Center-PEC Facility product development fund and selected as top 25 among 75 projects applied to it. Further, AIC-PECF, CEO ensured continuous support for his project based on drone.

**HOD/MECH**

Dr. B. RADJARAM, M.Tech.,Ph.D.,
Professor & Head
Dept. of Mechanical Engineering
Manakula Vinayagar Institute of Technology
Puducherry-605 107.

DEPT. OF MECHANICAL ENGG. * MVIT, PUDUCHERRY * No. Date

**PRINCIPAL**

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY,
KALITHEERTHALKUPPAM,
PUDUCHERRY - 605 107.

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY * PUDUCHERRY 605 107.

# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

## DEPARTMENT OF MANAGEMENT STUDIES

## CURRICULUM FEEDBACK ANALYSIS

**Year 21-22**

| Stake holder | No of Feedbacks received |
|---|---|
| Faculty | 13 |
| Students | 72 |
| Alumni | 52 |
| Employers | 06 |

**Faculty Feedback Responses**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.7 | University need to incorporate foundations of Outcome Based Education in each Course Syllabus. |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.5 | |
| 3. Rate the appropriateness of the sequence of units/ modules in the course syllabus? | 4.5 | |
| 4.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.5 | |
| 5. Rate the distribution of credits to the courses in the Curriculum. | 4.7 | |
| 6. Rate the potential of the students in understanding the course. | 4.5 | |
| 7. Rate the offering of elective courses in relation to the latest technological advancements. | 4.6 | |
| 8. Rate the syllabus of the practical courses in stimulating the interest of the students in the subjects. | 4.6 | |
| 9. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.7 | |
| 10. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.6 | |
| 11. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning/Research. | 4.6 | |
| 12. Rate the courses in facilitating usage of modern ICT tools for the better understanding of the concepts. | 4.5 | |
| 13. Rate the opportunity provided by the curriculum in developing Innovation and entrepreneurial spirit among the students | 4..5 | |

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY DEPARTMENT OF MANAGEMENT STUDIES

11/9/22

| | | |
|---|---|---|
| 14. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability and sensitizing the students towards National Development) | 4.8 | |
| 15. Rate the evaluation methods mentioned in the Curriculum and syllabus for providing proper assessment. | 4.6 | |

**Alumni Feedback Response**

- A scale of 4.25 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the quality of curriculum prescribed for your programme and how it helped in honing your skills for the job market. | **4.3** | Scores are satisfactory still there is room for improvement in skill development ,self learning and Project quality |
| 2. Rate the level of interest created by the curriculum and syllabus in pursuing Higher Studies/Research/Entrepreneurship. | **4.3** | |
| 3. How best the curriculum helped you to improve your inter/intrapersonal skills, societal responsibility, integrity, Ethical & Human values etc.,? | **4** | |
| 4. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | **4.5** | |
| 5. Rate the provision of skill up-gradation in your curriculum. | **4.6** | |
| 6. Rate the satisfactory level of project work/Internships/field visit/inplant training offered under your programme. | **4.4** | |
| 7. Rate the distribution of credits, evaluation and grading system prescribed in the curriculum reflects the competency level of the graduate. | **4.2** | |

PRAGATHI VIDYAGAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MANAGEMENT STUDIES

11/9/22

**Students Feedback Analysis**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Rate the structure of the Curriculum framed for the programme/ composition of the courses in terms of basic science, Engineering , Humanities, Management, Projects etc. | 4.7 | Need more training sessions. |
| 2. Rate the appropriateness of the sequences of the courses provided in the curriculum. | 4.5 | |
| 3.Rate the depth of the syllabus for the course in relation to the competencies expected by Industry/current global scenarios and on par with other reputed HEIs. | 4.7 | |
| 4. Rate the offering of elective courses in relation to the latest technological advancements. | 4.6 | More electives can be opted. This year |
| 5. Rate the syllabus of the practical courses in stimulating the interest in the subjects. | 4.6 | Innovative projects can be included. |
| 6. Rate the adequateness of the textbooks / reference materials mentioned for the courses | 4.4 | Suggested more purchase of journals and books to library. |
| 7. Rate the curriculum in providing opportunity for application of Engineering knowledge and problem analysis & solving skill to address real time problems. | 4.7 | NIL |
| 8. Rate the opportunity provided by the curriculum for self learning/Experimental learning/ Extended learning. | 4.1 | Faculty includes experiential and self learning through various assignments and suggesting online courses. |
| 9. Rate the opportunity provided by the curriculum in developing entrepreneurial spirit. | 4.6 | Special lectures are to be arranged. |
| 10. Rate the courses in the curriculum in fulfilling the expectation of the nation from the students community (aspects such as fundamental duties, National Integration, Peace, Love and Communal harmony, Human rights, Social Security, Ethics, Environment & Sustainability) and sensitizing the students towards National Development. | 4.6 | Extra lectures are to be arranged. |

**Employer Feedback**

- A scale of 4.5 and above is considered satisfactory.

| Feedback Question | Score out of 5 | Remarks |
|---|---|---|
| 1. Is the Curriculum Updated to meet Industrial Requirements? | 4.9 | Good |
| 2. Do curriculum have enough Practical skills required for Industry. | 4.27 | Improvement in Practical skills to be addressed |
| 3. Do curriculum gives scope for developing skills and modern hardware and software tools necessary for innovative applications. | 4.63 | Suggestions need to be taken from industries. |
| 4. Do curriculum provides the ability to identify, analyze and validate a problem, design and implement IT solutions | 4.36 | The design and development of solutions and problem based learning need to be improved. |
| 5. Do curriculum helps students to Keep abreast with emerging technologies and contemporary issues. | 4.63 | The feedback was satisfactory |
| 6. Do curriculum address the understanding of professional, environmental and ethical responsibilities and a desire to do justice to these responsibilities | 4.72 | |
| 7. Do curriculum helps students in understanding the importance of research in growth and development of the society and a motivation to pioneer through active research | 4.6 | |


**Action Taken Report**

For the Academic Year

2021-2022

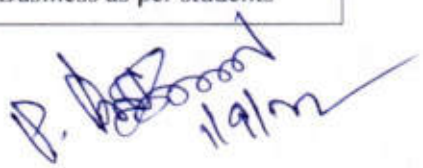
**ATR on Feedback comments Received from Faculty/ Alumni /Students / Employer**

CommentsReceived :

1. University need to incorporate foundations of Outcome Based Education in each Course Syllabus.
2. Emerging Conceptual Frameworks relating to Digital Environment and Digitization can be included in the Syllabus.
3. It is necessary educate the people interested in HR Specialization to assume the roles as Business Partner / Owner.
4. Elective courses for each specialization may be offered to the students based on the employer feedback and suggestions.
5. Functional / Domain Electives which are not included in the Syllabus/Curriculum may be imparted to the students through Guest Lectures / Seminars / Case Study / Special Lecture / Content.
6. Subjects like Digital Marketing, Digital finance, Crypto-Business; etc can be included in the Curriculum for giving knowledge about the recent Business arena.
7. Lab Courses with due importance to Software knowledge required for Data Analytics / Business Analytics can be included in the Curriculum.
8. Need more training sessions on NISM.
9. Soft Skill training can be conducted often.
10. Placement training can be enhanced.

**Action Taken on Comments received :**

1. Suggestions and opinions are provided during BOS Meetings.
2. Projects based on digital marketing and Certification Courses are implemented.
3. Guest lectures and Alumni Meet were delivered based on HR specializations.
4. Electives are offered based on the interest and preference of the students.
5. Special Lectures and Case Development exercises are conducted for the students and it covers the topics beyond the syllabus.
6. International Certification Courses provided by London School of Business as per students

Preference.

7. Students are engaged with Practical Lab courses with new experiments.
8. Soft Skill training session is scheduled during third semester and fourth Semester.
9. Placement training is organized during the third semester for equipping the skills of the students and helps them to face the interview panel.
10. Internship training is provided for the students based on their performance and interest.

HoD